

## 00508 Substance Abuse Orientation for Health Care Professionals

Training Manager: AAM-120 Course Length: 80 hour(s)

This course is designed to assist health care professionals by enhancing the role of medical professionals in the substance abuse rehabilitation network. Trainees are immersed in the inpatient milieu of patients recovering from alcoholism, other drug dependencies, and compulsive overeating. They participate in group therapy sessions, and may accompany patients to nightly self-help groups such as Alcoholics Anonymous. Didactic sessions, films, and panel discussions deal with the clinical aspects of early diagnosis, intervention, detoxification, and referral of alcoholics. Compulsive disorders such as anxiety, overeating and gambling are addressed.

**Prerequisites:** None  
**And one of the following:** None

## 00511 Clinical Medicine

Training Manager: AAM-120 Course Length: 38 hour(s)

This course is designed for physicians primarily interested in internal medicine. The topics deal with recent and significant advances in areas of general clinical interest. They are related to the diagnosis and management of disease and, when possible, are illustrated by clinical demonstrations. There are short discussions of specific disease problems and frequent symposia devoted to important, broad areas of clinical medicine. Patients are presented to illustrate important aspects of the history. Meetings-with-the-professor sessions are held on three mornings. Medical grand rounds are also part of the program.

**Prerequisites:** None  
**And one of the following:** None

## 00513 Psychiatry

Training Manager: AAM-120 Course Length: 50 hour(s)

This course consists of an intensive review of the core areas of psychiatry and neurology. It provides practitioners an avenue to update themselves in general psychiatry. The course includes demonstration interviews with live and/or simulated patients; offers sessions for practitioners devoted to recent advances in psychopharmacology and the psychotherapies; and provides opportunities to discuss clinical cases with experts in these areas.

**Prerequisites:** None  
**And one of the following:** None

## 00514 Aerospace Pathology and Accident Investigation

Training Manager: AAM-120 Course Length: 24 hour(s)

This course is offered at the Armed Forces Institute of Pathology. It is

designed for flight surgeons, residents in aerospace medicine, pathologists, and other accident investigators who need specialized instruction in those aspects of pathology concerned with aerospace vehicle accident investigation. Course topics include pre-accident planning, operational correlations, identification procedures, crashworthiness, survivability, and human tolerances.

**Prerequisites:** None  
**And one of the following:** None

## 00517 Industrial Hygiene Professional Development

Training Manager: AAM-120 Course Length: 32 hour(s)

This training will cover current topics in industrial hygiene. Some of these topics are: future technologies--their impact on occupational health; regulatory outlooks for lead and fibers; ergonomics--a practical approach; RCRA hazardous waste management; and health and safety considerations in the development of potent drugs in the pharmaceutical industry.

**Prerequisites:** None  
**And one of the following:** None

## 00519 Primary Aerospace Medicine I

Training Manager: AAM-120 Course Length: 104 hour(s)

Trains medical officers to perform the duties of flight surgeons. This increment concentrates on the delineation of the role of the flight surgeon, provides instruction in aerospace physiology, hyperbaric medicine, and aircraft accident investigation.

**Prerequisites:** None  
**And one of the following:** None

## 00520 Primary Aerospace Medicine 2

Training Manager: AAM-120 Course Length: 80 hour(s)

Trains medical officers to perform the duties of flight surgeons. This increment provides instruction in preventive and occupational medicine, epidemiology, aerospace otolaryngology, audiology, and aeronautics.

**Prerequisites:** None  
**And one of the following:** None

## 00521 Primary Aerospace Medicine 3

Training Manager: AAM-120 Course Length: 96 hour(s)

This course will train medical officers to perform the duties of flight surgeons. This increment includes disaster response, psychiatric, administrative, and internal medicine topics, culminating in 1 week of survival training.

**Prerequisites:** None  
**And one of the following:** None

## 00522 Operational Aeromedical Problems

Training Manager: AAM-120 Course Length: 40 hour(s)

This course orients flight surgeons to current operational aeromedical problems and describes recent advances in the clinical, management, environmental, and research areas of aerospace medicine. Flight surgeons who have attended the aerospace medicine primary course in the last 2 years or this course in the 3 years are not eligible.

**Prerequisites:** None  
**And one of the following:** None

## 00523 Operational Problems in Aerospace Physiology

Training Manager: AAM-120 Course Length: 40 hour(s)

This course familiarizes students with innovations and developments in aerospace physiology. It reviews problems encountered in teaching and proposes more effective training programs. It also facilitates coordination between physiological training personnel and other facilities involved in physiological training.

**Prerequisites:** None  
**And one of the following:** None

## 00524 Basic Aviation Medical Examiner Seminar

Training Manager: AAM-120 Course Length: 39 hour(s)

This is a 39 hour course which provides new FAA physicians and aviation medical examiners with the fundamentals of job elements required for certifying airmen as mentally and physically fit to fly. This course uses lecture, demonstrations, case studies, and clinical sessions to teach medical specialty subjects related to aviation safety and the administration of the aeromedical certification process.

**Prerequisites:** None  
**And one of the following:** None

## 00525 Advanced Aviation Medical Examiner Seminar

Training Manager: AAM-120 Course Length: 26 hour(s)

This is a 26 hour course of instruction which utilizes lecture, demonstration, role play, clinical sessions, case studies, and expert panels to teach the latest in clinical techniques, airman examination techniques, and procedures related to the duties of the FAA physician and aviation medical examiner.

**Prerequisites:** None  
**And one of the following:** None

## 00526 Advances in Occupational and Environmental Medicine

Training Manager: AAM-120 Course Length: 40 hour(s)

This course introduces the major problem areas of occupational and environmental medicine in regard to their potential impact on workers and public health. Topics in clinical toxicology, epidemiology, industrial safety and hygiene, environmental medicine, and public health are covered.

**Prerequisites:** None  
**And one of the following:** None

## 00527 Primary Care Internal Medicine

Training Manager: AAM-120 Course Length: 40 hour(s)

Selected themes in primary care practice are subjects for core lectures at the beginning of each day. These themes will then be illustrated with specific clinical examples presented in the mornings as case studies. Workshops will be offered every afternoon. Each workshop session will explore clinical practice decisions in a series of carefully selected problem cases. Each day will also include a concise series of medical topic lectures.

**Prerequisites:** None  
**And one of the following:** None

## 00529 Emergency Medicine

Training Manager: AAM-120 Course Length: 32 hour(s)

This course is applicable to primary care and emergency physicians. It focuses on cardiac emergencies and includes a comprehensive review and update of electrocardiography and the clinical pharmacology of cardiac medications.

**Prerequisites:** None  
**And one of the following:** None

## 00530 Family Practice and Primary Care Review

Training Manager: AAM-120 Course Length: 50 hour(s)

This program provides a week of intensive study to review and update general knowledge of primary care medicine. Topics have been selected on the basis of their broad interest and the areas where medical knowledge is expanding rapidly. Forty-minute lectures are arranged by medical topic and include a question/answer session after each presentation. Concurrent workshops offer a wide selection of topics from which to choose.

**Prerequisites:** None  
**And one of the following:** None

### **00531 Ophthalmology**

Training Manager: AAM-120 Course Length: 20 hour(s)

This course is designed for the ophthalmologist in clinical practice, with particular emphasis on an up-to-date review of the medical and surgical management of selected topics. The objective of the course is to provide a better understanding of refractive corneal surgery (RK, excimer laser, and epigraft), cataracts, phacoemulsification, IOL's, penetrating keratoplasty, external ocular diseases, corneal diseases, glaucoma, strabismus, uveitis, macular diseases, retinal diseases, retinal vascular disorders, vitreo-retinal surgery, lasers, ultrasound, and other recent developments.

**Prerequisites:** None  
**And one of the following:** None

### **00532 Intensive Review of Neurology**

Training Manager: AAM-120 Course Length: 52 hour(s)

Neurology is one of the most rapidly changing fields of clinical medicine. Because of advances in the basic neurosciences and the development of new imaging and other diagnostic studies, modern clinical neurology has undergone a metamorphosis. The objective of this intensive course is to provide the participant with a comprehensive view of the many facets of the new clinical neurology.

**Prerequisites:** None  
**And one of the following:** None

### **00533 Neurology for Non-Neurologists**

Training Manager: AAM-120 Course Length: 15 hour(s)

The objective of this course is to improve participants' ability to recognize the major neurological diseases and manage commonly encountered neurological problems. It consists of practical comprehensive coverage of the major topics in neurology which are faced by non-neurologists in practice. The course is suitable for board review in many specialties, particularly in psychiatry and internal medicine.

**Prerequisites:** None  
**And one of the following:** None

### **00539 Addiction Orientation for Health Care**

Training Manager: AAM-120 Course Length: 80 hour(s)

The goal of the course is to provide health care professionals with the information they need to recognize, screen for, and recommend appropriate treatment for alcoholism and other addictions. The first

week of the course consists of lecture and discussion. Some of the topics included are understanding the basic concept of the disease model of alcoholism and identifying the signs and symptoms of the early, middle, and late stages of alcoholism. The second week is experimental, and provides participants the opportunity to work in various parts of the treatment program.

**Prerequisites:** None  
**And one of the following:** None

### **00544 Advances in Occupational Health for Nurses**

Training Manager: AAM-120 Course Length: 40 hour(s)

This course is designed for nurses. It will focus on basic and advanced clinical practice issues, addressing the concerns of special practice groups and practical guidance on the multitude of compliance issues facing today's practitioners.

**Prerequisites:** None  
**And one of the following:** None

### **00545 Medical Accident Investigation**

Training Manager: AAM-120 Course Length: 40 hour(s)

This course is designed for AAM Physicians. It will train them to become medical accident investigators (MAI's). Course content includes organization and training of accident response personnel, conduct of the investigation, analysis and dissemination of the findings, and incorporation of investigation results into research and design to improve aviation safety.

**Prerequisites:** None  
**And one of the following:** None

### **00547 Annual Comprehensive Occupational Health Nursing**

Training Manager: AAM-120 Course Length: 40 hour(s)

This course is designed to provide a comprehensive review of the basic principles and theories of occupational health nursing and to update knowledge of occupational health legislation and nursing standards. It focuses on the nurse's role in the occupational health team and on the application of theory to daily nursing practice.

**Prerequisites:** None  
**And one of the following:** None

### **00550 Specialty Review in Infectious Disease**

Training Manager: AAM-120 Course Length: 40 hour(s)

Reviews and updates the area of infectious diseases. Some of the topics addressed are: retroviral infections and antiviral

chemotherapy; hepatitis; diagnostic microbiology; white blood cell abnormalities and immune deficiencies; tuberculosis; and endocarditis.

**Prerequisites:** None  
**And one of the following:** None

### 00551 Preventive Medicine Review

Training Manager: AAM-120 Course Length: 40 hour(s)

This course reviews and updates the area of preventive medicine. At the conclusion of this course, participants will be able to understand and apply the fundamental principles and concepts of biostatistics and epidemiology to the practice of preventive medicine, identify gaps in personal knowledge, and understand and apply the methods and content of preventive medicine.

**Prerequisites:** None  
**And one of the following:** None

### 00553 Alcohol Testing Education (IDL)

Training Manager: AAM-120 Course Length: 5 hour(s)

This interactive distance learning (IDL) course will educate supervisors/managers about their role in the FAA's alcohol testing program. It will provide an overview of alcohol testing regulations and review the responsibilities of site coordinators. Topics covered include how to work a random alcohol test list, the alcohol testing process, and policy and guidance on reasonable suspicion testing. A panel of experts will answer participants' questions.

**Prerequisites:** None  
**And one of the following:** None

### 00554 DOT Drug and Alcohol Awareness Training

Training Manager: AAM-120 Course Length: 2 hour(s)

This interactive workbook and videotape course fulfills the mandatory DOT Drug and Alcohol Awareness Training for supervisors. It summarizes congressional mandates for a drug-free transportation industry, describes FAA's policy on drug and alcohol use in the workplaces, drug and alcohol testing processes and procedures, and identifies criteria for violations of the regulations, etc. The course also provides information on FAA's Employee Assistance Program (EAP) and describes the roles of employees and supervisors in the DOT drug and alcohol-free program.

**Prerequisites:** None  
**And one of the following:** None

### 00555 Physical Assessment for Occupational Health Nurses

Training Manager: AAM-120 Course Length: 36 hour(s)

This course is designed to provide occupational health nurses with skills needed to conduct screening physical examinations. Nurses attending this course will refine their ability to distinguish normal from abnormal findings and gain increased confidence in their ability to refer workers for appropriate further evaluation and treatment. Content includes the following subjects; head, ears, eyes, nose, throat, breast, chest and lungs, cardiac and peripheral vascular systems, abdomen, full day on musculoskeletal system, and neurological system.

**Prerequisites:** None  
**And one of the following:** None

### 00556 FAA Drug Abatement Program Random Testing Training

Training Manager: AAM-120 Course Length: 4 hour(s)

This training reviews the FAA rules on random testing, basic concepts of random sampling, sources of bias that tend to undermine random testing programs, and the kinds of questions that should be asked to gain insights into a company's drug testing procedures. Each topic provides instruction and illustrative examples, followed by drill and practice questions. After mastering the material, trainees move on to complete four interactive exercises that use realistic, integrated scenarios to test their knowledge and ability to acquire and interpret inspection data.

**Prerequisites:** None  
**And one of the following:** None